II. CLAIM AMENDMENTS

1. (Currently Amended) A method for maintaining a data transmission connection between a terminal and an application server connected to a telecommunication network, said method comprising:

establishing an application level data transmission connection between said terminal and said application server by using a packet data telecommunications service of the telecommunication network as a bearer service;

establishing a circuit-switched telecommunications connection between said terminal and said telecommunication network;

interrupting the packet data telecommunications service for the time of the circuit-switched telecommunications connection;

setting up a message for maintaining the data transmission connection between said terminal and said application server in connection with establishing the circuit-switched telecommunications connection;

wherein said message comprises a command to reset an application level time-out counter in the application server; and

transmitting said message to the application server <u>before starting to establish</u>in connection with establishing the circuit-switched telecommunications connection.

2. (Previously Presented) The method according to claim 1, further comprising:

generating said message for maintaining the data transmission connection in the terminal, and

transmitting said message for maintaining the data transmission connection from the terminal to the application server.

3. (Previously Presented) The method according to claim 1, wherein the setting up of said message for maintaining the first data transmission further comprises:

sending information about interrupting the first data transmission connection from the terminal to the application server.

4. (Cancelled)

5. (Previously Presented) The method according to claim 1, wherein said establishing the circuit-switched telecommunications connection comprises the user of the terminal selecting a telephone number, and transmitting said maintenance message after the selection of the telephone number, before said establishing of the circuit-switched telecommunications connection.

6. (Previously Presented) The method according claim 1, wherein the telecommunication network communicates with a local area network, and further comprising setting up the data transmission connection from the terminal to a server coupled to said local area network, wherein the telecommunication network transmits said maintenance message to said server.

7. (Previously Presented) The method according to claim 1, wherein the telecommunication network communicates with the Internet data network, and further comprising setting up the data transmission connection from the terminal to a server communicating with said Internet network, wherein the telecommunication network transmits said maintenance message to said Internet data network.

8. (Previously Presented) The method according to claim 1, wherein said maintenance message is supplemented with a "No Operation" command.

9. (Cancelled)

10. (Original) The method according to claim 1, wherein said terminal is a wireless terminal, and said telecommunication network is a mobile communication network.

11. (Currently Amended) A terminal which comprises:

a circuit configured to for establishing an application level data transmission connection to an application server connected to a telecommunication network by using a packet data telecommunications service of the telecommunication network as a bearer service;

a circuit configured tofor establishing a circuit-switched telecommunications connection between the telecommunication network and said terminal;

a circuit configured tofor interrupting the packet data telecommunications service for the time of the circuit-switched telecommunications connection,

a circuit configured tofor automatically starting the setting up of a message for maintaining the data transmission connection between the terminal and the application server in connection with establishing the circuit-switched telecommunications connection,

wherein said message comprises a command to reset an application level time-out counter in the application server ; and

a transmitter configured tofor transmitting said message to the application server before starting to establishin connection with establishing the circuit-switched telecommunications connection.

12. (Currently Amended) The terminal according to claim 11, wherein the circuit configured tofor starting the setting up of a message for maintaining the data

transmission connection comprises a circuit <u>configured to generate</u> for generating a message for maintaining the data transmission connection and a circuit <u>configured to</u> for transmitting the message for maintaining the data transmission connection.

13. (Currently Amended) The terminal according to claim 11, wherein

the circuit <u>configured to</u> for starting the setting up of a message for maintaining the data transmission connection comprises a circuit <u>configured to</u>for transmitting information about interrupting the data transmission connection to the application server for generating said message for maintaining the data transmission connection.

14. (Cancelled)

15. (Currently Amended) The terminal according to claim 11, which further comprises:

a circuit <u>configured to</u>for selecting a telephone number,

a circuit <u>configured to</u>for adding the selected telephone number to the message for setting up the circuit-switched telecommunications connection, and

a circuit <u>configured to</u>for transmitting the message requesting for setting up of the circuit-switched telecommunications connection to the telecommunication network, wherein

the circuit <u>configured to</u>for transmitting the message for maintaining the data transmission connection comprises a circuit <u>configured to</u>for transmitting said maintenance message before transmitting said message requesting for setting up of the circuit-switched telecommunications connection.

16. (Previously Presented) The terminal according to claim 11, wherein said terminal is a wireless terminal.

17. (Currently Amended) The terminal according to claim 11, wherein said terminal comprises a data processor, and that said circuit configured to~~for~~ ~~setting~~ up the message for maintaining the data transmission connection is arranged in said data processor.

18. (Currently Amended) A communication system which comprises:

at least one telecommunication network, at least one application server coupled to the telecommunication network and at least one terminal;

a circuit configured to ~~for~~ ~~setting~~ up an application level data transmission connection between the application server and said terminal by using a packet data telecommunications service of the telecommunication network as a bearer service,

a circuit configured to ~~for~~ ~~setting~~ up a circuit-switched telecommunications connection between the telecommunication network and the terminal,

a circuit configured to~~for~~ ~~interrupting~~ the packet data telecommunications service for the time of the circuit-switched telecommunications connection,

a circuit configured to~~for~~ ~~setting~~ up a message for maintaining the data transmission connection between the application server and said terminal;

a circuit configured to~~for~~ automatically ~~starting~~ the setting up of the message maintaining the data transmission connection in connection with setting up of the circuit-switched telecommunications connection,

wherein said message comprises a command to reset an application level time-out counter in the application server; and

a circuit configured to~~for~~ ~~transmitting~~ said message to the application server before starting to establish~~in~~ ~~connection~~ ~~with~~ ~~establishing~~ the circuit-switched telecommunications connection.

19. (Currently Amended) The communication system according to claim 18, further comprising a local area network, at least one server coupled to a local area network, a circuit configured to~~for~~ ~~setting~~ up a data transmission connection between the telecommunication network and the local area network, and a circuit configured to~~for~~ ~~transmitting~~ said maintenance message from the telecommunication network to said server.

20. (Cancelled)

21. (Previously Presented) The communication system according to claim 18, wherein said maintenance message is supplemented with a "No Operation" command.

22. (Previously Presented) The communication system according to claim 18, wherein said terminal is a wireless terminal, and said telecommunication network is a mobile communication network.

23. (Cancelled)

24. (Currently Amended) A computer program product, stored on a computer readable medium and executable in a data processing device, for maintaining an application level data transmission connection between a terminal and an application server connected to a telecommunication network, the computer program product comprising:

a computer program code section for establishing a data telecommunications connection to an application server connected to a telecommunication network by using

a packet data telecommunications service of the telecommunication network as a bearer service;

a computer program code section for establishing a circuit-switched telecommunications connection between the telecommunication network and said terminal;

a computer program code section for interrupting the packet data telecommunications service for the time of the circuit-switched telecommunications connection;

a computer program code section for automatically starting the setting up of a message for maintaining the data transmission connection between the terminal and the application server in connection with establishing the circuit-switched telecommunications connection;

wherein said message comprises a command to reset an application level time-out counter in the application server; and

a computer program code section for controlling the terminal to transmit said message to the application server <u>before starting to establish</u>~~in connection with establishing~~ the circuit-switched telecommunications connection.